

[Web](#) [Images](#) [Videos](#) [Maps](#) [News](#) [Shopping](#) [Gmail](#) [more ▼](#)

[Sign in](#)

Google scholar

(ratio methylated and unmethylated) or (ratio methylated and unmethylated) [Search](#) [Advanced Scholar Search](#) [Scholar Preferences](#)

Did you mean: [\(ratio methylated and unmethylated\)](#) or [\(ratio methylated and unmethylated\)](#)

[Tumour class prediction and discovery by microarray-based DNA methylation analysis](#)

[nih.gov \[HTML\]](#)

P Adnan, J Esteller, E Lepage, F Mougel, J ... - *Nucleic acids* ... 2002 - Oxford Univ Press
... Oligomers that hybridise if the CpG was **methylated** are referred to as CG oligomers and oligomers that hybridise if the CpG was **unmethylated** are referred to as CHG oligomers. The log ratio of the CG and CHG oligomer hybridisation intensities was calculated and then averaged for experimental ...

[Cited by 220](#) - [Related articles](#) - [All 6 versions](#)

[A preference of histone H1 for methylated DNA](#)

[nih.gov \[PDF\]](#)

M McArthur, JO Thomas - *The EMBO Journal*, 1996 - noblinm nih.gov
... It was used for the sedimentation experiment as a 1:1 mixture of **unmethylated** DNA and DNA ... effects, since we are asking about the general, genome-wide, recognition (or not) of **methylated** DNA by H1. H1-DNA complexes were formed at an input ratio (H1 :DNA) of 40% (w/w) (~5 ...

[Cited by 67](#) - [Related articles](#) - [All 6 versions](#)

[\[HTML\] Characterisation of colorectal cancers showing hypermethylation at multiple CpG islands](#)

[bmj.com \[HTML\]](#)

M Van Rijnsoever, F Ochoa, H Esteller, D Joseph, B ... - *Gut*, 2002 - pub.bmj.com
... To assess the sensitivity of MSP, DNA obtained from **methylated** and **unmethylated** control samples was mixed at different ratios prior to bisulphite treatment. MSP was able to detect as little as 3% **methylated** p16 allele content. The ratio of **methylated/non-methylated** allele for ...

[Cited by 150](#) - [Related articles](#) - [All 6 versions](#)

[Hemimethylation prevents DNA replication in E. coli](#)

DW Russell, HD Zinder - *Cell*, 1987 - Elsevier
... x 10² [0.0 x 10⁵ pBR0tet 6.0 x 10⁷ 1.2 x 10² 11.1 x 10³ (1.6 x 10³ pSY0tet 2.7 x 10⁵ 6.5 x 10³ [0.3 x 10³ 1.3 x 10³]. If ratios were calculated for each cell of competent cells when transformed with **unmethylated** (purified from GM2199) and **methylated** (from GM30 ...

[Cited by 171](#) - [Related articles](#) - [All 7 versions](#)

[Temporal and regional changes in DNA methylation in the embryonic, extraembryonic and germ cell lineages during mouse embryo development](#)

[bioRxiv.org \[PDF\]](#)

M Monk, M Szubalski, S Lehnert - *Development*, 1997 - dev.biorxiv.org
... The 10/3 ratios for the different DNAs were normalized to the 10/3 ratio of a reference DNA on each gel. ... MspI will cleave the DNA at this sequence whether the internal cytosine is **methylated** or not, whereas HpaII will only cut the **unmethylated** sequence (Waalwijk & Flavell ...

[Cited by 603](#) - [Related articles](#) - [All 3 versions](#)

[Detection and interpretation of altered methylation patterns in cancer cells](#)

T Uehlings - *Nature Reviews Cancer*, 2005 - nature.com
... Methylation of these CGIs was shown to give a very high hazard ratio, of over 20 ... Little is known about the relationship between the precise location of a **methylated** region and ... Although non-promoter CGIs are susceptible to methylation, they are still generally kept **unmethylated**. ...

[Cited by 122](#) - [Related articles](#) - [All 11 versions](#)

[Multiple Sclerosis](#)

[mcponline.org \[HTML\]](#)

JK Kim, FG Minthonand, DO Wood, DM Lubman - *Molecular & Cellular* ... 2003 - ASBMB
... The relative abundance (intensity) of **methylated** peptide/intensity of **non-methylated** peptide) was obtained for each species ... In both C-4 and C-5 of the MS samples, the ratios (**methylated/unmethylated**) were 2-3 times greater than the corresponding ratios from normal ...

[Cited by 61](#) - [Related articles](#) - [All 11 versions](#)

[The affinity of different MBD proteins for a specific methylated locus depends on their intrinsic binding properties](#)

[nih.gov \[HTML\]](#)

MF Fraga, E Esteller, G Montoya, P ... - *Nucleic acids* ... 2003 - Oxford Univ Press
... 4 and Table 1). The ability of a given MBD to discriminate between **unmethylated** and **methylated** versions of the same DNA fragment can be determined by calculating the ratio of the R 1/2 values for **unmethylated** DNA divided by the same value for **methylated** DNA ...

[Cited by 81](#) - [Related articles](#) - [All 11 versions](#)

[Cleavage of methylated CCGGG sequences containing either N4-methylcytosine or 5-methylcytosine with MspI, HpaII, SmaI, XmaI and Cfr9I restriction ...](#)

[nih.gov \[PDF\]](#)

V Butkus, I Petrauskas, Z Maršienė, S ... - *Nucleic acids* ... 1997 - Oxford Univ Press
... **methylated** deoxycytidines based on absorbance ratios of peaks at ... Endonuclease MspI proved an exception, cleaving the cognate hemimethylated site besides, the **methylated** strand (5mCCGG) was more readily cleaved as compared to the **unmethylated** strand (Table 3) ...

[Cited by 41](#) - [Related articles](#) - [All 8 versions](#)